

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : JÜRGEN STABEL-WEINHEIMER ET AL.
Filed : CONCURRENTLY HEREWITH
Title : METHOD FOR PREVENTING FRETTING DAMAGE TO FUEL
RODS, NUCLEAR REACTOR FUEL ELEMENT, DEVICE FOR
PREVENTING FRETTING DAMAGE, AND SPACER IN A FUEL
ASSEMBLY OF A NUCLEAR REACTOR

Declaration Under Section 152 Of The Atomic Energy Act Of 1954

1. WE, JÜRGEN STABEL-WEINHEIMER and MINGMIN REN, residing both at ERLANGEN, Germany declare:
2. That we made and conceived the invention described and claimed in patent application entitled METHOD FOR PREVENTING FRETTING DAMAGE TO FUEL RODS, NUCLEAR REACTOR FUEL ELEMENT, DEVICE FOR PREVENTING FRETTING DAMAGE, AND SPACER IN A FUEL ASSEMBLY OF A NUCLEAR REACTOR filed in the United States of America CONCURRENTLY HEREWITH.

That we made and conceived this invention while employed by FRAMATOME ANP GMBH. That the invention is related to the work we are employed to perform and was made within the scope of our employment duties;

That the invention was made during working hours and with the use of facilities, equipment, materials, funds, information, and services of FRAMATOME ANP GMBH.

3. That to the best of our knowledge and belief:

The invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

**COMBINED DECLARATION AND POWER OF ATTORNEY
IN ORIGINAL APPLICATION**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR PREVENTING FRETTING DAMAGE TO FUEL RODS, NUCLEAR
REACTOR FUEL ELEMENT, DEVICE FOR PREVENTING FRETTING DAMAGE,
AND SPACER IN A FUEL ASSEMBLY OF A NUCLEAR REACTOR**

described and claimed in the specification bearing that title, that I understand the content of the specification, that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve month prior to this application, that I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR § 1.56, and that no application for patent or inventor's certificate of this invention has been filed earlier than the following in any country foreign to the United States prior to this application by me or my legal representatives or assigns:

German Application No. 101 03 729.5, filed January 26, 2001, the International Priority of which is claimed under 35 U.S.C. §119; and International Application No. PCT/EP02/00743, filed January 25, 2002, the Priority of which is claimed under 35 U.S.C. §120.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

LAURENCE A. GREENBERG (Reg. No. 29,308)
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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF FIRST JOINT INVENTOR: JÜRGEN STABEL-WEINHEIMER

INVENTOR'S SIGNATURE: 

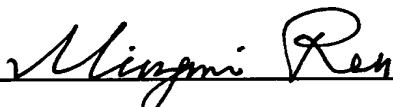
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FULL NAME OF SECOND JOINT INVENTOR: MINGMIN REN

INVENTOR'S SIGNATURE: 

DATE: 16.06.2003

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4. The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF FIRST JOINT INVENTOR: JÜRGEN STABEL-WEINHEIMER



Inventor's Signature

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